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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q63141

Kenji SHIMIZU, et al.

Appln. No.: 10/029,204

Group Art Unit: 1773

Confirmation No.: 5380

Examiner: BERNATZ, Kevin M.

Filed: December 28, 2001

For: MAGNETIC RECORDING MEDIUM, PRODUCTION PROCESS THEREOF,  
MAGNETIC RECORDING AND REPRODUCING APPARATUS

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following:  
U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications  
filed after June 30, 2003.

06/14/2006 JADD01 00000003 194880 10029284

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The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes

INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/029,204

prosecution in the application (whichever is earlier), and therefore Applicant authorizes a fee of \$180.00 to be charged to Deposit Account No. 19-4880.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication (Office Action) from the Japanese Patent Office in a counterpart application citing such documents, together with an English-language translation of at least that portion of the Communication indicating the degree of relevance found by the Japanese Patent Office. In addition, applicants enclose an English-language abstract for each of the listed Japanese patent documents. Further, JP-A-60-214417, JP-A-7-129946, JP-A-10-214719 and JP-A-11-149628 are discussed in the present specification at pages 2 and 3. Still further, the listed U.S. 6,270,885 patent corresponds to the listed JP-A-11-149628.

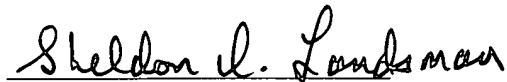
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/029,204

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: June 13, 2006

Substitute for Form 1449 A &amp; B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/029,204
Confirmation Number	5380
Filing Date	December 28, 2001
First Named Inventor	Kenji SHIMIZU
Art Unit	1773
Examiner Name	BERNATZ, Kevin M.
Attorney Docket Number	Q63141

Sheet 1 of 2

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 6,270,885	B1	08/07/2001	Hokkyo, et al.

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP -	59-063026	A	04-10-1984	Hitachi Ltd.	Abstract
		JP -	60-125919	A	07-05-1985	Matsuchita Electric Ind. Co. Ltd.	Abstract
		JP -	60-214417	A	10-26-1985	Hitachi Ltd.	Abstract
		JP -	01-128226	A	05-19-1989	Victor Co. of Japan Ltd.	Abstract
		JP -	05-109044	A	04-30-1993	Denki Kagaku Kogyo KK	Abstract
		JP -	05-258274	A	10-08-1993	Fujitsu Ltd.	Abstract
		JP -	06-139542	A	05-20-1994	Fujitsu Ltd.	Abstract
		JP -	07-073429	A	03-17-1995	Fujitsu Ltd.	Abstract
		JP -	07-085442	A	03-31-1995	Fujitsu Ltd.	Abstract
		JP -	07-129946	A	05-19-1995	Victor Co. of Japan Ltd.	Abstract
		JP -	10-214719	A	08-11-1998	Fujitsu Ltd.	Abstract
		JP -	10-228620	A	08-25-1998	NEC Corp.	Abstract
		JP -	11-149628	A	06-02-1999	NEC Corp.	Abstract

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.



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Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2000-348327	A	12-15-2000	Hitachi Ltd.	Abstract
		JP	2001-155321	A	06-08-2001	Toshiba Corp.	Abstract
		JP	2001-155322	A	06-08-2001	Hitachi Ltd.	Abstract
		JP	2001-331920	A	11-30-2001	Hitachi Ltd.	Abstract
		JP	2002-133635	A	05-10-2002	Hitachi Maxwell Ltd.	Abstract
		JP	2002-170216	A	06-14-2002	Fuji Electric Co. Ltd.	Abstract
		JP	2002-197643	A	07-12-2002	Showa Denko KK	Abstract
		JP	2002-042318	A	08-02-2002	Toshiba Corp.	Abstract
		JP	2003-045015	A	02-14-2003	Anelva Corp.	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.